

AMENDMENTS IN THE CLAIMS

1. (currently amended) At a server, a method of providing content for display of a web page, the method comprising:

generating a dynamic content frame separate from a static content frame, wherein the static content frame includes comprising layout and logic information that is generated during development of said web page;

initializing said static content frame with common functions utilized by all screens, wherein said common functions include how to display and hide an image within a layer, how to write text into said layer, and how to move said layer;

generating one or more dynamic content frame, separate from the static content frame and which provides content that fits within the layout and logic information of the static content frame ; [[and]]

responsive to a request for a download of the web page:

downloading said dynamic content frame independently of said static content frame;

restricting a download to only said dynamic content frame whenever said server determines that the web page is requested to be downloaded in sequence with a previous web page sharing similar layout and logic, wherein a previous static content frame associated with the previous web page is downloaded to and stored on the system requesting the download of the web page and the previous static content frame is utilized to generate the web page at the requesting system by incorporating the dynamic content frame into the previous static content frame;

whereby a download time for the web page is reduce, relative to the download of the previous web page with the previous static content frame, and whereby an efficient download and display of said web page is achieved; and

enabling a subsequent incorporating of features of said dynamic content frame and said static content frame into a display frame to enable display of an incorporated web page at the system requesting the download of the web page.

2 - 3. (canceled)

4. (original) The method of Claim 1, wherein said generating step comprises generating an HTML page with two frames, wherein:

a static content frame maintains layout information of a web page content and references an HTML file that includes a Javascript library to add, move, remove and change text and images in a display layer of said web page; and

a dynamic content frame created utilizing server-side scripting language that maintains changing information including text data, images, and audio data.

5. (currently amended) The method of Claim 4, further comprising:

providing linking information within the dynamic content frame identifying how one or more features of the dynamic content frame is to be incorporated into the static content frame;
and

merging features of said static content frame and said dynamic content frame utilizing the linking information provided within said dynamic content frame;

wherein said linking information comprises HTML/Javascript function calls to said static content frame.

6. (canceled)

7. (currently amended) The method of Claim 1, further comprising:

downloading ~~importing~~ a re-usable Javascript function library from a generated HTML to support a unique behavior of said display frame; and

caching said Javascript function library in a web browser with which said web page is downloaded, wherein said library may be utilized for subsequent classifications screens.

8. (currently amended) A computer program product comprising:

a computer readable medium; and

program code on said computer readable medium that when executed by a processing device, for providing provides content for display of a web page by:

generating a dynamic content frame separate from a static content frame, wherein the static content frame includes comprising layout and logic information that is generated during development of said web page;

initializing said static content frame with common functions utilized by all screens, wherein said common functions include how to display and hide an image within a layer, how to write text into said layer, and how to move said layer; [[and]]

generating one or more dynamic content frame, separate from the static content frame;
[[and]]

responsive to a request for a download of the web page:

downloading said dynamic content frame independently of said static content frame; and
restricting a download to only said dynamic content frame whenever said server determines that the web page is requested to be downloaded in sequence with a previous web page sharing similar layout and logic, wherein a previous static content frame associated with the previous web page is downloaded to and stored on the system requesting the download of the web page and the previous static content frame is utilized to generate the web page at the requesting system by incorporating the dynamic content frame into the previous static content frame;

whereby a download time for the web page is reduce, relative to the download of the previous web page with the previous static content frame, and whereby an efficient download and display of said web page is achieved; and

enabling a subsequent incorporating of features of said dynamic content frame and said static content frame into a display frame to enable display of an incorporated web page at the system requesting the download of the web page.

9-10. (canceled)

11. (original) The computer program code of Claim 8, wherein said generating program code comprises code for generating an HTML page with two frames, wherein:

a static content frame maintains layout information of a web page content and references an HTML file that includes a Javascript library to add, move, remove and change text and images in a display layer of said web page; and

a dynamic content frame created utilizing server- side scripting language that maintains changing information including text data, images, and audio data.

12. (currently amended) The computer program code of Claim 11, further comprising program code for:

downloading a re-usable Javascript function library from a generated HTML to support a unique behavior of said display frame;

caching said Javascript function library in a web browser with which said web page is downloaded, wherein said library may be utilized for subsequent classification screens; and

merging features of said static content frame and said dynamic content frame utilizing linking information provided within said dynamic content frame, wherein said linking information comprises HTML/Javascript function calls to said static content frame.

13-14. (canceled)

15. (currently amended) The [[A]] method of Claim 1, further comprising [[for]] extending interaction between static and dynamic content of a web page comprising by:

creating said web page with individual layers corresponding each to web page content, and web page layout and logic; and

enabling manipulation of each layer by server-scripting software, wherein web page content may be changed by standard off-the-shelf scripting applications, without consideration of HTML and DHTML.

16. (currently amended) A system for providing content for display of a web page, comprising:

a server having a processor and a memory component with server software that enables web browsing of content stored at the server;

means for enabling connection of one or more connecting a web browsers to said server;

program logic executing on the server for completing a plurality of functions, including:

~~generating a dynamic content frame utilizing a server-side scripting software separate from a static content frame, wherein the static content frame includes comprising layout and logic information that is generated during development of a web page at said server;~~

~~generating one or more dynamic content frame, separate from the static content frame, said dynamic content frame generated utilizing sever-side scripting software; [[and]]~~

~~initializing said static content frame with common functions utilized by all screens, wherein said common functions include how to display and hide an image within a layer, how to write text into said layer, and how to move said layer;~~

~~incorporating a merge function that enables later merging of features of said static content frame and said dynamic content frame utilizing linking information provided within said dynamic content frame, wherein said linking information comprises HTML/Javascript function calls to said static content frame; and~~

~~logic for downloading said dynamic content frame independently of said static content frame to said web browser via said connecting means;~~

~~restricting a download to only said dynamic content frame whenever said web page is requested to be downloaded in sequence with a second web page sharing similar layout and logic, whereby a previous static content frame is stored on the web browser requesting a download of said web page, and wherein an efficient download and display of said web page is achieved; and~~

~~enabling a subsequent incorporating of features of said dynamic content frame and said static content frame into a display frame to enable display of an incorporated web page at the system requesting the download of the web page.~~

17. (canceled)

18. (currently amended) The system of Claim 16, wherein:

said program logic for generating logic comprises program logic for generating an HTML page with two frames, wherein:

a static content frame maintains layout information of a web page content and references an HTML file that includes a Javascript library to add, move, remove and change text and images in a display layer of said web page; and

a dynamic content frame created utilizing server- side scripting language that maintains changing information including text data, images, and audio data; and

said system further comprises program logic for downloading a re-usable Javascript function library from a generated HTML to support a unique behavior of said display frame, whereby said Javascript function library is cached in a web browser with which said web page is downloaded, wherein said library may be utilized for subsequent classification screens.

19-21. (canceled)